Attorney Docket No.: M-11718 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, William David Collins III; Michael R. Krames; Godefridus J. Verhoeckx; Nicolass J. Martin Van Leth; hereby sell, assign and transfer to Lumileds Lighting U.S., LLC, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, California, 95131; its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Using Electrophoresis To Produce A Conformally Coated Phosphor-Converted Light
Emitting Semiconductor Structure

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 24 day of William D. Collins III

State of <u>CA</u>) ss.
County of <u>Santa Claya</u>

on July 24, 2001 before me, <u>Kimbelly M. Wallace</u> personally personally appeared <u>William D. Callins III</u> personally known to me or proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is(a/c) subscribed to the within instrument and acknowledged to me that he/s/c/th/cy executed the same in his/her/th/cir authorized capacity(i/x), and that by his/her/th/cir signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

KIMBERLY M. WALLACE
Commission # 1254520
Notary Public - California
Santa Clara County
My Comm. Expires Feb 25, 2004

Kimberly M. Wallace SIGNATURE OF NOTARY

WITNESS my hand and official seal.

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Executed this 26 day of	July , 2001. Williad R. Krames
	Warriage a Charmer
	Michael R. Krames
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State of <u>CA</u>)) ss. County of <u>Barria</u> Cligra	· · · · · · · · · · · · · · · · · · ·
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Attorney Docket No.: M-11718 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, William David Collins III; Michael R. Krames; Godefridus J. Verhoeckx; Nicolaas J. Martin van Leth; hereby sell, assign and transfer to Lumileds Lighting U.S., LLC, a Delaware corporation, having a place of business at 370 W. Trimble Road, San Jose, California, 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Using Electrophoresis To Produce A Conformally Coated Phosphor-Converted Light
Emitting Semiconductor Structure

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

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County of) ss.)	
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		WITNESS my hand and official seal.
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		Michael R. Krames
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On 2001-0	7 - 12 befo	reme, E.J.W.M. Lenders <u>Verhoeskx</u> personally
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		Nicol	aas J. Martin van	Leth
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Attor / Docket No.: M-11727 US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

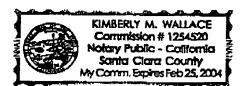
Christopher Haydn Lowery and Troy Trottier

hereby sell, assign and transfer to LumiLeds Lighting, U.S., LLC, a Delaware corporation, having a place of business at 370 Trimble Road, San Jose, California 95131, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Reduction Of Contamination Of Light Emitting Devices

for which we filed a United States Patent Application on August 23, 2001, which now has Serial No. 09/938,407, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 12 day of Johnson, 2002.
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My by thought have
Chustyner layen consen
Christopher Haydn Lowery
State of <u>CA</u>)
) Ss.
County of Santa Clara)
,
On January 15, 2002 before mc, Kimberly M. Wallace, Notary Public
personally appeared Christopher Hadyn Lowery personally
known to me or proved to me on the basis of satisfactory evidence to be the person whose
name(x) is(a/e) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
executed the same in instructional authorized capacity(188), and that by instructional
signature(x) on the instrument the person(x), or the entity upon behalf of which the person(x)



acted, executed the instrument.

WITNESS my hand and official seal.

LIMBOLY M. W. DOLC

SIGNATURE OF NOTARY

Page 1 of 2

Attor Docket No.: M-11727 US

Explanation of the transfer of

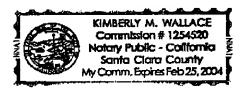
Executed this 15th day of January , 2002.

Troy Trottier

County of Sent Clara)

4083820481

on January 15, 2002 before me, kimberly M. Walkee, Notary Public personally appeared Tray Trottler personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is (axe) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(iss), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official scal.

Example 1. **Indian official scal.

SIGNATURE OF NOTARY